

Amendments to the Claims:

The following listing of claims will replace all prior versions and listings of claims.

Listing of Claims

- 1-11. (Canceled)
12. (Original) The isolated polypeptide of claim 11, comprising a polypeptide having SEQ ID NO:Y.
13. (Original) An isolated antibody that binds specifically to the isolated polypeptide of claim 11.
- 14-22. (Canceled)
23. (New) An isolated nucleic acid molecule comprising a polynucleotide selected from the group consisting of:
- (a) a polynucleotide encoding amino acid residues 1 to 449 of SEQ ID NO:20; and
 - (b) a polynucleotide comprising nucleotides 1 to 1878 of SEQ ID NO:6.
24. (New) The isolated nucleic acid molecule of claim 23, wherein said polynucleotide is (a).
25. (New) The isolated nucleic acid molecule of claim 23, wherein said polynucleotide is (b).
26. (New) The isolated nucleic acid molecule of claim 23 wherein the polynucleotide further comprises a heterologous polynucleotide.
27. (New) The isolated nucleic acid molecule of claim 26 wherein said heterologous polynucleotide encodes a heterologous polypeptide.
28. (New) A vector comprising the isolated nucleic acid molecule of claim 23.
29. (New) The vector of claim 28 wherein the nucleic acid molecule is operably associated with a heterologous regulatory sequence that controls gene expression.
30. (New) A recombinant host cell comprising the isolated nucleic acid molecule of claim 23.

31. (New) The recombinant host cell of claim 30 wherein the nucleic acid molecule is operably associated with a heterologous regulatory sequence that controls gene expression.

32. (New) A method for producing a polypeptide, comprising:

- (a) culturing the recombinant host cell of claim 30 under conditions suitable to produce the polypeptide encoded by said polynucleotide; and
- (b) recovering the polypeptide from the cell culture.

33. (New) An isolated nucleic acid molecule comprising a polynucleotide selected from the group consisting of:

- (a) a polynucleotide encoding the amino acid sequence of the full-length polypeptide encoded by the cDNA clone contained in plasmid HIBCJ89 in ATCC Deposit No. PTA1429; and
- (b) a polynucleotide comprising the cDNA clone contained in plasmid HIBCJ89 in ATCC Deposit No. PTA1429.

34. (New) The isolated nucleic acid molecule of claim 33, wherein said polynucleotide is (a).

35. (New) The isolated nucleic acid molecule of claim 33, wherein said polynucleotide is (b).

36. (New) The isolated nucleic acid molecule of claim 33 wherein the polynucleotide further comprises a heterologous polynucleotide.

37. (New) The isolated nucleic acid molecule of claim 36 wherein said heterologous polynucleotide encodes a heterologous polypeptide.

38. (New) A vector comprising the isolated nucleic acid molecule of claim 33.

39. (New) The vector of claim 38 wherein the nucleic acid molecule is operably associated with a heterologous regulatory sequence that controls gene expression.

40. (New) A recombinant host cell comprising the isolated nucleic acid molecule of claim 33.

41. (New) The recombinant host cell of claim 40 wherein the nucleic acid molecule is operably associated with a heterologous regulatory sequence that controls gene expression.

42. (New) A method for producing a polypeptide, comprising:

- (a) culturing the recombinant host cell of claim 40 under conditions suitable to produce the polypeptide encoded by said polynucleotide; and
- (b) recovering the polypeptide from the cell culture.